

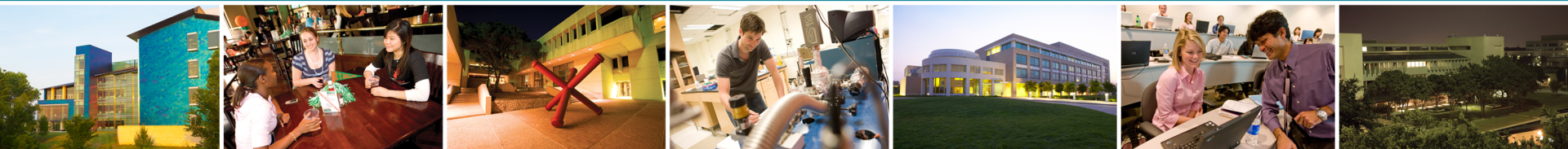
ACTUARIAL PROGRAM



- WHAT IS ACTUARIAL SCIENCE?
 - WHO ARE ACTUARIES?
 - WHERE DO ACTUARIES WORK?
- WHAT DOES THE WORK INCLUDE?
 - WHY BE AN ACTUARY?



ACTUARIAL SCIENCE APPLIES
STATISTICS, MATHEMATICS, ECONOMICS
FINANCE, GOVERNMENT POLICIES,
BUSINESS MANAGEMENT PRINCIPLES
TO ASSESS RISK IN THE INSURANCE AND
FINANCE INDUSTRIES



**ACTUARIES USE THEIR KNOWLEDGE OF
STATISTICS, FINANCE, AND BUSINESS TO
DEFINE, ANALYZE AND SOLVE
BUSINESS PROBLEMS INVOLVING
THE COST OF POSSIBLE FUTURE EVENTS**



ACTUARIES ARE EMPLOYED IN THE

- **INSURANCE INDUSTRY**

(EITHER PROPERTY AND CASUALTY OR LIFE AND HEALTH)

- **FINANCIAL INSTITUTIONS**

- **CONSULTING FIRMS**

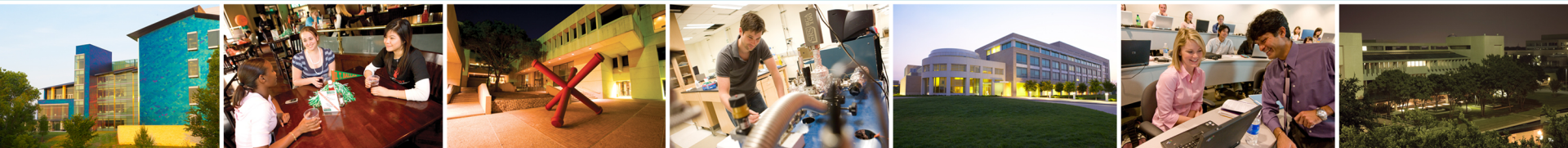
- **GOVERNMENT AGENCIES**

- **ACCOUNTING FIRMS**



ACTUARIAL WORK INCLUDES:

- **PROJECTING HOW A NEW AUTO-SAFETY LAW WILL CHANGE INSURANCE CLAIMS**
- **ESTIMATING THE BENEFIT COST OF A LABOR CONTRACT**
- **PROJECTING FINANCIAL COSTS OF AN EPIDEMIC**
- **ANALYZING INVESTMENT RISK**



HERE ARE A FEW REASONS TO BE AN ACTUARY:

- **STARTING SALARIES \$50,000**
- **EXCELLENT BENEFITS**
- **SALARY GROWS STEADILY AS YOU PASS ACTUARIAL EXAMS**
- **JOB SECURITY THROUGH ECONOMIC CYCLES**
- **DYNAMIC AND CHALLENGING CAREER**



WANT TO KNOW MORE ABOUT ACTUARIAL PROGRAM AT UTD?

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